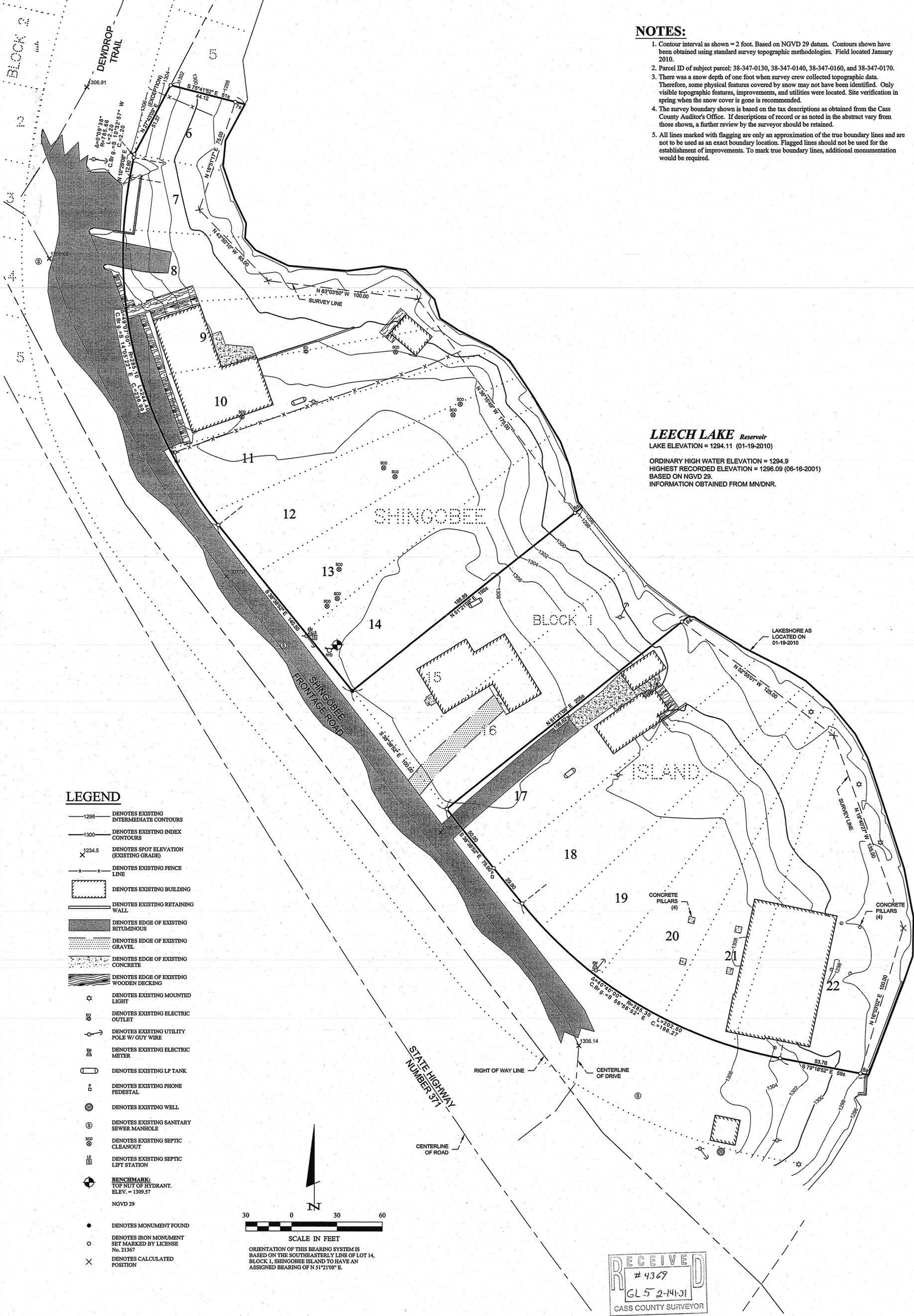


TOPOGRAPHICAL SURVEY

LOTS 6-14 AND 17-22, BLOCK 1, SHINGOBBE ISLAND,
SECTION 2, TOWNSHIP 141 NORTH, RANGE 31 WEST,
CASS COUNTY, MINNESOTA

NOTES:

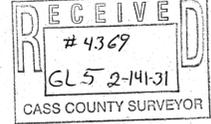
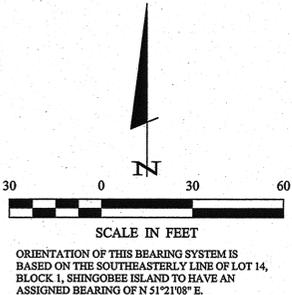
1. Contour interval as shown = 2 foot. Based on NGVD 29 datum. Contours shown have been obtained using standard survey topographic methodologies. Field located January 2010.
2. Parcel ID of subject parcel: 38-347-0130, 38-347-0140, 38-347-0160, and 38-347-0170.
3. There was a snow depth of one foot when survey crew collected topographic data. Therefore, some physical features covered by snow may not have been identified. Only visible topographic features, improvements, and utilities were located. Site verification in spring when the snow cover is gone is recommended.
4. The survey boundary shown is based on the tax descriptions as obtained from the Cass County Auditor's Office. If descriptions of record or as noted in the abstract vary from those shown, a further review by the surveyor should be retained.
5. All lines marked with flagging are only an approximation of the true boundary lines and are not to be used as an exact boundary location. Flagged lines should not be used for the establishment of improvements. To mark true boundary lines, additional monumentation would be required.



LEECH LAKE Reservoir
LAKE ELEVATION = 1294.11 (01-19-2010)
ORDINARY HIGH WATER ELEVATION = 1294.9
HIGHEST RECORDED ELEVATION = 1296.09 (06-16-2001)
BASED ON NGVD 29.
INFORMATION OBTAINED FROM MNDNR.

LEGEND

- 1298 — DENOTES EXISTING INTERMEDIATE CONTOURS
- 1300 — DENOTES EXISTING INDEX CONTOURS
- X 1234.5 DENOTES SPOT ELEVATION (EXISTING GRADE)
- - - DENOTES EXISTING FENCE LINE
- [Hatched Box] DENOTES EXISTING BUILDING
- [Dotted Box] DENOTES EXISTING RETAINING WALL
- [Stippled Box] DENOTES EDGE OF EXISTING BITUMINOUS
- [Cross-hatched Box] DENOTES EDGE OF EXISTING GRAVEL
- [Dotted Box] DENOTES EDGE OF EXISTING CONCRETE
- [Wavy Box] DENOTES EDGE OF EXISTING WOODEN DECKING
- ☆ DENOTES EXISTING MOUNTED LIGHT
- ⊕ DENOTES EXISTING ELECTRIC OUTLET
- ⊕ DENOTES EXISTING UTILITY POLE W/ GUY WIRE
- ⊕ DENOTES EXISTING ELECTRIC METER
- ⊕ DENOTES EXISTING LP TANK
- ⊕ DENOTES EXISTING PHONE PEDESTAL
- ⊕ DENOTES EXISTING WELL
- ⊕ DENOTES EXISTING SANITARY SEWER MANHOLE
- ⊕ DENOTES EXISTING SEPTIC CLEANOUT
- ⊕ DENOTES EXISTING SEPTIC LIFT STATION
- ⊕ DENOTES BENCHMARK TOP SURF OF HYDRANT. ELEV. = 1309.57 NGVD 29
- DENOTES MONUMENT FOUND
- DENOTES IRON MONUMENT SET MARKED BY LICENSE No. 21367
- X DENOTES CALCULATED POSITION



I do I LEGEND TOPOGRAPHICAL SURVEY Architectural Resources, Inc. Attn: Scott Sosalla 704 East Howard Street Hibbing, MN 55746	PROJECT MANAGER: TLF	PROJECT No.: 092139	DATE: 01-22-2010	REVISIONS DATE DESCRIPTION BY	I HEREBY CERTIFY THAT THIS SURVEY, PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA. Terry L. Freeman, PLS #21367 DATE 1/22/10 LIC. NO. 21367	© 2010 Landecker & Associates, Inc. Landecker & Associates, Inc. Engineering • Surveying • Planning Walker, MN 56484 Phone: 218-547-1296 Fax: 218-547-2272
	CHECKED BY: TLF	FILE NAME: T092139.dwg	SCALE: HORZ. 1" = 30' VERT. NONE	I do I DRAWN BY: WAG		